# DATASHEET
# FUJITSU LIFEBOOK S6420 NOTEBOOK

## GET READY FOR YOUR NEXT BUSINESS TRIP

**LIFEBOOK S6420**
The LIFEBOOK S6420 is ideal for all business trips with its fantastic performance and genuine mobility. Weighing only 1.7 kg and with a 33.8 cm (13.3-inch) WXGA display and long battery life, it is easy to use all day long. The new integrated application buttons guarantee fast access to your personal applications. Integrated 3G/UMTS and an embedded webcam ensure trouble-free wireless connectivity.

**SLIM MOBILITY**
Enjoy permanent access to all your data thanks to a mobile device that is both easy and flexible to use.
- Lean, lightweight Notebook weighing only 1.7 kg with a 33.8 cm (13.3-inch) WXGA display, with up to 8:30 hours running time with a second battery

**ULTIMATE CONNECTIVITY**
Available everywhere: wireless connectivity anytime, anywhere even if there is no hotspot nearby.
- Optional integrated 3G/UMTS, WLAN and Bluetooth

**RELIABLE COMPANION**
Secure and effective working even for the most demanding of users in all situations.
- Spill-resistant keyboard, shock sensor, magnesium lid and further innovative highlights

**FLEXIBLE WORKING**
Adapt your notebook to various business environments and thus increase your business agility.
- Modular bay for a second battery or an optical drive

**MAXIMUM SECURITY**
Protect your company data against unauthorized third-party access and benefit from our end-to-end anti-theft and system and user protection concept.
- Computrace® enabled BIOS, optional fingerprint sensor, TPM Module and SmartCase Logon+

SIERRA WIRELESS EMPOWERED · ENERGY STAR · EPEAT SILVER

Green IT · BEST CONNECTIVITY · SYSTEM GUARDS · ULTIMATE SECURITY · FAMILY CONCEPT · 2ND BATTERY · LIGHT WEIGHT · CONFCAM · TWINLOAD

# COMPONENTS

| | |
|---|---|
| **PROCESSOR** | Intel® Core™2 Duo processor T9600 (2.8 GHz, 6 MB, 1066 MHz) |
| | Intel® Core™2 Duo processor P8800 (2.66 GHz, 3 MB, 1066 MHz) |
| | Intel® Core™2 Duo processor P8700 (2.53 GHz, 3 MB, 1066 MHz) |
| **MEMORY MODULES** | 2 GB (1 module(s) 2 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM |
| | 1 GB (1 module(s) 1 GB) DDR3, 1066 MHz, PC3-8500, SO DIMM |
| **Turbo memory** | Optional 4 GB |
| **Supported capacity RAM (max.)** | 4 GB |
| **Memory slots total** | 2 |
| **Memory slot type** | DIMM (DDR3) |
| **Memory notes** | 8 GB - with future memory modules. |
| **HARD DISK DRIVES (INTERNAL)** | 320 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. |
| | 320 GB, 5400 rpm, FDE, 2.5-inch S.M.A.R.T. |
| | 160 GB, 7200 rpm, SATA, 2.5-inch S.M.A.R.T. |
| | 160 GB, 5400 rpm, SATA, 2.5-inch S.M.A.R.T. |
| | 128 GB SSD SATA, 2.5-inch S.M.A.R.T. |
| | 80 GB SSD SATA, 2.5-inch S.M.A.R.T. |
| **Hard disk notes** | ShockSensor for HDD shock protection<br>One Gigabyte equals one billion bytes, when referring to hard disk drive capacity.<br>Accessible capacity may vary, also depending on used software |
| **WLAN (OPTIONAL)** | Atheros Minicard b/g 802.11 b/g |
| | Intel® Wireless WiFi Link 5300 AGN 11/13ch |
| **WIRELESS TECHNOLOGIES** | |
| **Antennas** | 3 Dual band WLAN antennas, 2 UMTS antennas |
| **Infrared link (Fast IrDa 1.1, 4 Mbps)** | 1 |
| **WLAN notes** | Import and usage according to country-specific regulations. |
| **UMTS/HSUPA (OPTIONAL)** | Sierra Wireless MC8790 (downlink 7.2 Mbit/s, uplink 2.0 Mbit/s) |
| **BLUETOOTH (OPTIONAL)** | Bluetooth 2.1 |
| **Base unit name** | LIFEBOOK S6420, 13.3-inch WXGA |
| **Display** | 33.8 cm (13.3-inch); TFT; (WXGA); LED glossy display |
| **Resolution (native)** | 1280 x 800 pixel |
| **MODULAR BAY OPTIONS** | 2nd battery |
| | DVD Super Multi |
| | Weight saver |
| **Base unit** | LIFEBOOK S6420, 13.3-inch WXGA |
| **GENERAL SYSTEM INFORMATION** | |
| **Chipset** | Intel® GM45, ICH 9-M |
| **Intel plattform** | Intel® Centrino® technology |
| **BIOS features** | BIOS Flash EPROM<br>BIOS based on Phoenix TrustedCore Notebook |
| **GRAPHICS** | |
| **Max. resolution external display** | 1920 x 1200 / true color / 60 Hz |
| **Graphics brand name** | Mobile Intel® GMA 4500M HD |
| **Graphics features** | DualView (Windows® XP & Windows® Vista) |
| **INTERFACES** | |
| **Memory card slots** | 1 (MS/SD/xD/MS-Pro) |
| **PC Card slot (Type I/II)** | 1 |

| | |
|---|---|
| **INTERFACES** | |
| **SIM card slot** | 1 |
| **Modem (RJ-11)** | 1 |
| **USB 2.0 total** | 3 |
| **S-Video out (TV-out)** | 1 |
| **FireWire (IEEE1394)** | 1 |
| **VGA** | 1 |
| **Ethernet (RJ-45)** | 1 |
| **DC-in** | 1 |
| **Audio: line-in / microphone** | 1 |
| **Audio: line-out / headphone** | 1 |
| **Internal microphones** | 2 |
| **Docking connector for Port Replicator** | 1 |
| **Kensington Lock support** | 1 |
| **WIRED COMMUNICATION** | |
| **Modem type** | 56 K V.92 modem MDC1.5 |
| **LAN** | Built-in 10/100/1000 MBit/s Marvell 88E8055 |
| **KEYBOARD AND POINTING DEVICES** | |
| | Spill-resistant keyboard |
| | Number of keyboard keys: 85, Keyboard pitch: 19 mm, Keyboard stroke: 3 mm |
| | Touchpad with two mouse buttons and scroll via fingerprint sensor<br>Fingerprint sensor<br>Application buttons<br>Status LED |
| **MULTIMEDIA** | |
| **Audio type** | On board |
| **Audio codec** | Realtek ALC269 |
| **Audio features** | Stereo speakers, 2 internal microphones |
| **Camera** | Built-in webcam, 1.3 megapixel, VGA camera |
| **POWER SUPPLY** | |
| **AC adapter** | 19 V / 80 W (4.22 A) |
| **Rated voltage range** | 100 - 240 V (AC Input) |
| **Rated frequency range** | 50 - 60 Hz |
| **1st battery** | 1st Li-Ion battery 6-cell, 5800 mAh, 62 Wh |
| **2nd battery (optional)** | 2nd Li-Ion battery 6 cell (Option), 2500 mAh, 25.3 Wh |
| **Benchmark** | Mobile Mark 2005 |
| **Runtime 1st battery** | 5 h (Mobile Mark 2005 reader workload) |
| **Runtime 1st + 2nd battery** | 8.5 h (Mobile Mark 2005 reader workload) |
| **Battery notes** | Battery life may vary depending on product model, configuration, applications, power management settings and features utilized. Battery recharge time depends on usage. |
| **POWER CONSUMPTION** | |
| **Power consumption note** | See white paper Energy Consumption |
| **Link to Energy White Paper** | http://docs.ts.fujitsu.com/dl.aspx?id=5b4ac52e-8324-4683-b833-492c5e3c3e11 |
| **DIMENSIONS / WEIGHT / ENVIRONMENTAL** | |
| **Dimensions (W x D x H)** | 314 x 234 x 22.4 - 33.5 mm |
| **Weight** | 1.7 kg |
| **Weight notes** | Actual weight may vary depending on configuration |
| **Operating ambient temperature** | 5 - 35°C |
| **Operating relative humidity** | 20 - 85 % (running) |
| **OPERATING SYSTEM** | |
| **Operating system optional preinstalled** | Microsoft® Windows® 7 Professional 32-bit<br>Microsoft® Windows Vista® Business 32-bit<br>Microsoft® Windows Vista® Home Basic<br>TwinLoad Microsoft® Windows® XP Professional (DVD) |

| | |
|---|---|
| **OPERATING SYSTEM** | |
| **Operating system compatible** | Microsoft® Windows® XP Professional |
| **Operating system notes** | Driver support for Microsoft® Windows® XP Professional |
| **ADDITIONAL SOFTWARE** | |
| **Office software** | Adobe Acrobat Reader<br>Application Panel<br>Display Manager<br>ShockSensor Utility<br>Power Saving Utility<br>Wireless Selector Utility<br>EasyGuide online user documentation<br>Toshiba Stack 4.x (not available for Windows® 7 operating systems) |
| **Multimedia software** | Nero Essentials S (burning software) |
| **Internet software** | Microsoft® Internet Explorer |
| **Security software** | Norton Internet Security (incl. Firewall) on Drivers & Utilities DVD for Microsoft Windows XP |
| **Additional software (optional)** | Recovery DVD (Windows Vista®)<br>Recovery DVD (Windows® 7)<br>Drivers & Utilities DVD (DUDVD)<br>UMTS connection manager (optional with UMTS)<br>DVD playback software |
| **Additional software (included as a CD/ DVD)** | SmartCase Logon+ |
| **MANAGEABILITY** | |
| **Manageability features** | DeskUpdate Driver management<br>DeskView Migrate (optional)<br>DeskView Control (optional) |
| **Manageability type** | DeskView 10.x client management including: |
| **DeskView features** | On/Offline remote client management<br>Detailed system inventory management and reports<br>BIOS Management<br>Remote power management<br>System notifications<br>Security Remote Control<br>DeskView Helpdesk Integration<br>WoL (Wake on LAN) |
| **Supported standards** | WMI<br>PXE<br>BootP (made4you) |
| **Manageability link** | http://ts.fujitsu.com/solutions/it_infrastructure_solutions/manageability/featurefinder.html |
| **SECURITY** | |
| **Physical security** | Kensington Lock support |
| **System security** | Computrace® enabled BIOS<br>Optional: Trusted platform module (TPM 1.2)<br>Symantec Norton Internet Security (90 day test version) |
| **User security** | Integrated Fingerprint Sensor<br>Integrated SmartCard controller in PC Card with system lock support<br>Hard disk password<br>SystemLock BIOS SmartCard security<br>SmartCase Logon+ incl. Fingerprint software<br>User and supervisor BIOS password |
| **COMPLIANCE** | |
| **Europe** | CE<br>CE! |
| **USA/Canada** | FCC Class B (depending on wireless configuration)<br>CSA<br>cUL<br>UL |

| COMPLIANCE | |
|---|---|
| **Global** | RoHS (Restriction of hazardous substances)<br>WEEE (Waste electrical and electronical equipment)<br>Microsoft Operating Systems (HCT / HCL entry / WHQL)<br>WiFi certified<br>ENERGY STAR® 4.0<br>EPEAT® Silver<br>Compliant with ISO 9241-307 (Pixel fault class II) |
| **Compliance link** | https://sp.ts.fujitsu.com/sites/certificates/default.aspx |

| PORTREPLICATOR INTERFACES (OPTIONAL) | |
|---|---|
| **DC-in** | 1 |
| **Power on switch** | 1 |
| **Headphones** | 1 |
| **Audio: microphone in** | 1 |
| **USB 2.0 total** | 4 |
| **VGA** | 1 |
| **DVI** | 1 (with HDCP Support) |
| **Serial (RS-232)** | 1 |
| **Mouse / Keyboard (PS/2)** | 1 |
| **Ethernet (RJ-45)** | 1 |
| **Parallel** | 1 |
| **Kensington Lock support** | 2 |
| **AC Adapter** | S26391-F2474-L600 (80W)<br>S26391-F408-L300 (100W) |
| **1st battery** | S26391-F405-L820 |
| **2nd battery** | S26391-F441-L200 |
| **Memory (2GB)** | S26391-F436-L200 |
| **1st hard disk drive** | S26391-F437-L300<br>S26391-F439-L800(SSD)<br>S26391-F727-L600(SSD) |
| **DVD super Multi** | S26391-F441-L100 |
| **Port replicator / AC adapter / cable kit** | S26391-F408-L100 (EU cable)<br>S26391-F408-L200 (UK cable) |
| **Recommended cases** | S26391-F119-L70<br>S26391-F119-L141 |
| **Accessories included** | Exclusive pouch |

| WARRANTY | |
|---|---|
| **Standard Warranty** | 2 years |
| **Service level** | Collect & Return Service / Bring-In Service (depending on country) |

| MAINTENANCE AND SUPPORT SERVICES - THE PERFECT EXTENSION | |
|---|---|
| **Recommended Service** | 3 years, On-site Service |
| **Spare Parts availability** | 5 years |
| **Service Weblink** | htttp://ts.fujitsu.com/Supportservice |

## FUJITSU PLATFORM SOLUTIONS

In addition to Fujitsu LIFEBOOK S6420, Fujitsu provides a range of platform solutions. They combine reliable Fujitsu products with the best in services, know-how and worldwide partnerships.

**Dynamic Infrastructures**
With the Fujitsu Dynamic Infrastructures approach,Fujitsu offers a full portfolio of IT products, solutions and services, ranging from clients to datacenter solutions, Managed Infrastructure and Infrastructureas-a-Service. How much you benefit from Fujitsu technologies and services depends on the level of cooperation you choose. This takes IT flexibility and efficiency to the next level.

**Computing Products**
www.fujitsu.com/global/services/computing/

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www.fujitsu.com/software/

## MORE INFORMATION

Learn more about Fujitsu LIFEBOOK S6420, please contact your Fujitsu sales representative or Fujitsu Business partner, or visit our website. http://ts.fujitsu.com/mobile

## FUJITSU GREEN POLICY INNOVATION

Fujitsu Green Policy Innovation is our worldwide project for reducing burdens on the environment. Using our global know-how, we aim to resolve issues of environmental energy efficiency through IT.
Please find further information at http://www.fujitsu.com/global/about/environment/

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